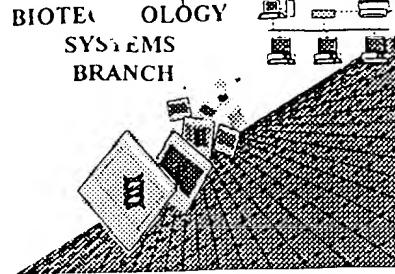


LN



0280
0400
04-23-01

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/800,266

Source: OIPE

Date Processed by STIC: 3-24-01

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 3.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable format (CRF) before submitting them to the United States Patent and Trademark Office (USPTO).

Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be downloaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

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APR - 4 2001
SPE JCWS

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/800,266

DATE: 03/24/2001
TIME: 17:05:21

Input Set : A:\seqlist.txt
Output Set: N:\CRF3\03242001\I800266.raw

```

4 <110> APPLICANT: Bratzler, Robert L.
5 Petersen, Deanna M.
7 <120> TITLE OF INVENTION: Immunostimulatory Nucleic Acids and
8 Cancer Medicament Combination Therapy for the Treatment of
9 Cancer
11 <130> FILE REFERENCE: C1037/7017(HCL/MAT)
C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/800,266
C--> 13 <141> CURRENT FILING DATE: 2001-03-05
13 <150> PRIOR APPLICATION NUMBER: US 60/187,214
14 <151> PRIOR FILING DATE: 2000-03-03
16 <160> NUMBER OF SEQ ID NOS: 146
18 <170> SOFTWARE: FastSEQ for Windows Version 3.0
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 15
22 <212> TYPE: DNA
23 <213> ORGANISM: Artificial Sequence
W--> 25 <220> FEATURE:
W--> 25 <223> OTHER INFORMATION: →
25 <400> SEQUENCE: 1
26 gcttagacgtt agcgt
28 <210> SEQ ID NO: 2
29 <211> LENGTH: 15
30 <212> TYPE: DNA
31 <213> ORGANISM: Artificial Sequence
W--> 33 <220> FEATURE:
W--> 33 <223> OTHER INFORMATION:
33 <400> SEQUENCE: 2
34 gcttagatgtt agcgt
36 <210> SEQ ID NO: 3
37 <211> LENGTH: 15
38 <212> TYPE: DNA
39 <213> ORGANISM: Artificial Sequence
W--> 41 <220> FEATURE:
W--> 41 <223> OTHER INFORMATION:
41 <400> SEQUENCE: 3
42 gcttagacgtt agcgt
44 <210> SEQ ID NO: 4
45 <211> LENGTH: 15
46 <212> TYPE: DNA
47 <213> ORGANISM: Artificial Sequence
W--> 49 <220> FEATURE:
W--> 49 <223> OTHER INFORMATION:
49 <400> SEQUENCE: 4
50 gcttagacgtt agcgt
52 <210> SEQ ID NO: 5
53 <211> LENGTH: 15
54 <212> TYPE: DNA

```

Does Not Comply
Corrected Diskette Needed

Artificial sequence must include
<220>, <223> features to explain
the source of the genetic
material in the sequence.

See #12¹⁵ on the Error
Summary
Sheet.

* This error occurs throughout
the sequence listing. Please
review and insert <220>,
<223> where necessary.

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/800,266

DATE: 03/24/2001
TIME: 17:05:21

Input Set : A:\seqlist.txt
Output Set: N:\CRF3\03242001\I800266.raw

```

55 <213> ORGANISM: Artificial Sequence
W--> 57 <220> FEATURE:
W--> 57 <223> OTHER INFORMATION:
57 <400> SEQUENCE: 5
58 gcatgacgtt gagct
60 <210> SEQ ID NO: 6
61 <211> LENGTH: 20
62 <212> TYPE: DNA
63 <213> ORGANISM: Artificial Sequence
W--> 65 <220> FEATURE:
W--> 65 <223> OTHER INFORMATION:
65 <400> SEQUENCE: 6
66 atggaaagtc cagcgttctc
68 <210> SEQ ID NO: 7
69 <211> LENGTH: 20
70 <212> TYPE: DNA
71 <213> ORGANISM: Artificial Sequence
W--> 73 <220> FEATURE:
W--> 73 <223> OTHER INFORMATION:
73 <400> SEQUENCE: 7
74 atcgactctc gagcgttctc
76 <210> SEQ ID NO: 8
77 <211> LENGTH: 20
78 <212> TYPE: DNA
79 <213> ORGANISM: Artificial Sequence
W--> 81 <220> FEATURE:
W--> 81 <223> OTHER INFORMATION:
81 <400> SEQUENCE: 8
82 atcgactctc gagcgttctc
84 <210> SEQ ID NO: 9
85 <211> LENGTH: 20
86 <212> TYPE: DNA
87 <213> ORGANISM: Artificial Sequence
W--> 89 <220> FEATURE:
W--> 89 <223> OTHER INFORMATION:
89 <400> SEQUENCE: 9
90 atcgactctc gagcgttctc
92 <210> SEQ ID NO: 10
93 <211> LENGTH: 20
94 <212> TYPE: DNA
95 <213> ORGANISM: Artificial Sequence
W--> 97 <220> FEATURE:
W--> 97 <223> OTHER INFORMATION:
97 <400> SEQUENCE: 10
98 atggaaagtc caacgttctc
100 <210> SEQ ID NO: 11
101 <211> LENGTH: 20
102 <212> TYPE: DNA
103 <213> ORGANISM: Artificial Sequence

```

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/800,266

DATE: 03/24/2001
TIME: 17:05:21

Input Set : A:\seqlist.txt
Output Set: N:\CRF3\03242001\I800266.raw

```

W--> 105 <220> FEATURE:
W--> 105 <223> OTHER INFORMATION:
105 <400> SEQUENCE: 11
106 gagaacgctg gacccat
108 <210> SEQ ID NO: 12
109 <211> LENGTH: 20
110 <212> TYPE: DNA
111 <213> ORGANISM: Artificial Sequence
W--> 113 <220> FEATURE:
W--> 113 <223> OTHER INFORMATION:
113 <400> SEQUENCE: 12
114 gagaacgctc gacccat
116 <210> SEQ ID NO: 13
117 <211> LENGTH: 20
118 <212> TYPE: DNA
119 <213> ORGANISM: Artificial Sequence
W--> 121 <220> FEATURE:
W--> 121 <223> OTHER INFORMATION:
121 <400> SEQUENCE: 13
122 gagaacgctc gacccat
124 <210> SEQ ID NO: 14
125 <211> LENGTH: 20
126 <212> TYPE: DNA
127 <213> ORGANISM: Artificial Sequence
W--> 129 <220> FEATURE:
W--> 129 <223> OTHER INFORMATION:
129 <400> SEQUENCE: 14
130 gagaacgctg gacccat
132 <210> SEQ ID NO: 15
133 <211> LENGTH: 20
134 <212> TYPE: DNA
135 <213> ORGANISM: Artificial Sequence
W--> 137 <220> FEATURE:
W--> 137 <223> OTHER INFORMATION:
137 <400> SEQUENCE: 15
138 gagaacgatg gacccat
140 <210> SEQ ID NO: 16
141 <211> LENGTH: 20
142 <212> TYPE: DNA
143 <213> ORGANISM: Artificial Sequence
W--> 145 <220> FEATURE:
W--> 145 <223> OTHER INFORMATION:
145 <400> SEQUENCE: 16
146 gagaacgctc cagcactgat
148 <210> SEQ ID NO: 17
149 <211> LENGTH: 20
150 <212> TYPE: DNA
151 <213> ORGANISM: Artificial Sequence
W--> 153 <220> FEATURE:

```

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/800,266

DATE: 03/24/2001
TIME: 17:05:21

Input Set : A:\seqlist.txt
Output Set: N:\CRF3\03242001\I800266.raw

```

W--> 153 <223> OTHER INFORMATION:
  153 <400> SEQUENCE: 17
  154 tccatgtcgg tcctgatgtc
  156 <210> SEQ ID NO: 18
  157 <211> LENGTH: 20
  158 <212> TYPE: DNA
  159 <213> ORGANISM: Artificial Sequence
W--> 161 <220> FEATURE:
W--> 161 <223> OTHER INFORMATION:
  161 <400> SEQUENCE: 18
  162 tccatgtcgg tcctgatgtc
  164 <210> SEQ ID NO: 19
  165 <211> LENGTH: 20
  166 <212> TYPE: DNA
  167 <213> ORGANISM: Artificial Sequence
W--> 169 <220> FEATURE:
W--> 169 <223> OTHER INFORMATION:
  169 <400> SEQUENCE: 19
  170 tccatgacgt tcctgatgtc
  172 <210> SEQ ID NO: 20
  173 <211> LENGTH: 20
  174 <212> TYPE: DNA
  175 <213> ORGANISM: Artificial Sequence
W--> 177 <220> FEATURE:
W--> 177 <223> OTHER INFORMATION:
  177 <400> SEQUENCE: 20
  178 tccatgtcgg tcctgtgtat
  180 <210> SEQ ID NO: 21
  181 <211> LENGTH: 8
  182 <212> TYPE: DNA
  183 <213> ORGANISM: Artificial Sequence
W--> 185 <220> FEATURE:
W--> 185 <223> OTHER INFORMATION:
  185 <400> SEQUENCE: 21
  186 tcaacgtt
  188 <210> SEQ ID NO: 22
  189 <211> LENGTH: 8
  190 <212> TYPE: DNA
  191 <213> ORGANISM: Artificial Sequence
W--> 193 <220> FEATURE:
W--> 193 <223> OTHER INFORMATION:
  193 <400> SEQUENCE: 22
  194 tcagcgct
  196 <210> SEQ ID NO: 23
  197 <211> LENGTH: 8
  198 <212> TYPE: DNA
  199 <213> ORGANISM: Artificial Sequence
W--> 201 <220> FEATURE:
W--> 201 <223> OTHER INFORMATION:

```

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/800,266

DATE: 03/24/2001
TIME: 17:05:21

Input Set : A:\seqlist.txt
Output Set: N:\CRF3\03242001\I800266.raw

```

201 <400> SEQUENCE: 23
202 tcatcgat
204 <210> SEQ ID NO: 24
205 <211> LENGTH: 8
206 <212> TYPE: DNA
207 <213> ORGANISM: Artificial Sequence
W--> 209 <220> FEATURE:
W--> 209 <223> OTHER INFORMATION:
209 <400> SEQUENCE: 24
210 tcttcgaa
212 <210> SEQ ID NO: 25
213 <211> LENGTH: 7
214 <212> TYPE: DNA
215 <213> ORGANISM: Artificial Sequence
W--> 217 <220> FEATURE:
W--> 217 <223> OTHER INFORMATION:
217 <400> SEQUENCE: 25
218 caacgtt
220 <210> SEQ ID NO: 26
221 <211> LENGTH: 8
222 <212> TYPE: DNA
223 <213> ORGANISM: Artificial Sequence
W--> 225 <220> FEATURE:
W--> 225 <223> OTHER INFORMATION:
225 <400> SEQUENCE: 26
226 ccaacgtt
228 <210> SEQ ID NO: 27
229 <211> LENGTH: 8
230 <212> TYPE: DNA
231 <213> ORGANISM: Artificial Sequence
W--> 233 <220> FEATURE:
W--> 233 <223> OTHER INFORMATION:
233 <400> SEQUENCE: 27
234 aacgttct
236 <210> SEQ ID NO: 28
237 <211> LENGTH: 8
238 <212> TYPE: DNA
239 <213> ORGANISM: Artificial Sequence
W--> 241 <220> FEATURE:
W--> 241 <223> OTHER INFORMATION:
241 <400> SEQUENCE: 28
242 tcaacgtc
244 <210> SEQ ID NO: 29
245 <211> LENGTH: 20
246 <212> TYPE: DNA
247 <213> ORGANISM: Artificial Sequence
W--> 249 <220> FEATURE:
W--> 249 <223> OTHER INFORMATION:
249 <400> SEQUENCE: 29

```

Note:

The types of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

VERIFICATION SUMMARY DATE: 03/24/2001
PATENT APPLICATION: US/09/800,266 TIME: 17:05:22

Input Set : A:\seqlist.txt
Output Set: N:\CRF3\03242001\I800266.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application No
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:25 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:25 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:33 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:33 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:41 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:41 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:49 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:49 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:57 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:57 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:65 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:65 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:73 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:73 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:81 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:81 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:89 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:89 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:97 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:97 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:105 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:105 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:113 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:113 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:121 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:121 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:129 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:129 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:137 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:137 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:145 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:145 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:153 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:153 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:161 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:161 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:169 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:169 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:177 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:177 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:185 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:185 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:193 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:193 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:201 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:201 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/800,266

DATE: 03/24/2001
TIME: 17:05:22

Input Set : A:\seqlist.txt
Output Set: N:\CRF3\03242001\I800266.raw

L:209 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:209 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:
L:217 M:258 W: Mandatory Feature missing, <220> FEATURE:
L:217 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION: